

## Ohio EPA 2004 Integrated Report Appendix D.2 Watershed Assessment Unit (WAU) Summaries

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>):** 166.2  
 05080002 090              Great Miami River (downstream Fourmile Creek to mouth); excluding  
                                  Indian Creek and GMR mainstem

**Integrated Report Assessment Category:** 5    **Priority Points:** 2  
**Next Scheduled Monitoring:** 2011

### Aquatic Life Use Assessment

Subcategories of ALU:    WWH    Sampling Year(s):    1995, 1996, 1997,  
 Impairment:    Yes    2000

| Stream Size Category   | Raw Data       |               | % Attainment |         |      | WAU Score |         |     |
|------------------------|----------------|---------------|--------------|---------|------|-----------|---------|-----|
|                        | Data Available | No. Attaining | Full         | Partial | Non  | Full      | Partial | Non |
| Small (Spatial)        |                |               |              |         |      |           |         |     |
| < 5 mi <sup>2</sup>    | 4 Sites        | 1 Sites       |              |         |      |           |         |     |
| 5-20 mi <sup>2</sup>   | 4 Sites        | 1 Sites       | 25.0         | 12.5    | 62.5 |           |         |     |
| 20-50 mi <sup>2</sup>  | Sites          | Sites         |              |         |      |           |         |     |
| <hr/>                  |                |               |              |         |      | 25        | 13      | 62  |
| Large (Linear)         |                |               |              |         |      |           |         |     |
| 50-500 mi <sup>2</sup> | Sites          |               |              |         |      |           |         |     |
|                        | Miles          | Miles         |              |         |      |           |         |     |

#### High Magnitude Causes

Cause Unknown  
 Flow Alteration  
 Other Habitat Alterations

#### High Magnitude Sources

Land Development/Suburbanization  
 Urban Runoff/Storm Sewers (NPS)  
 Removal of Riparian Vegetation - Dev.  
 Natural

### Recreation Use Assessment

Subcategory of Use: Primary Contact  
 Impairment: Unknown    Geometric Mean:  
 No. Ambient Sites:                      No. Ambient Sampling Records:                      75<sup>th</sup> %ile:  
 No. of NPDES MOR Sites:              No. of NPDES MOR Records:                      90<sup>th</sup> %ile:  
 Other:

### Fish Consumption Advisory (FCA) Assessment

Waters Within the WAU Sampled and Assessed: Yes  
 FCA Issued: Yes  
 (See the 2004 Ohio FCA for more detailed information at "[www.epa.state.oh.us/dsw/fishadvisory/index.html](http://www.epa.state.oh.us/dsw/fishadvisory/index.html)")  
 Impairment Due to FCA: Yes                      Pollutant (Waterbody): PCBs (Ford/Hamilton Hydraulic Canal)

### Comments

Recent tributary data within this watershed is limited. Paddys Run was sampled recently, but all other tributaries (Taylor Creek basin) have data which are over 10 years old. One biological reference site on Bluerock Creek was sampled in 1996.